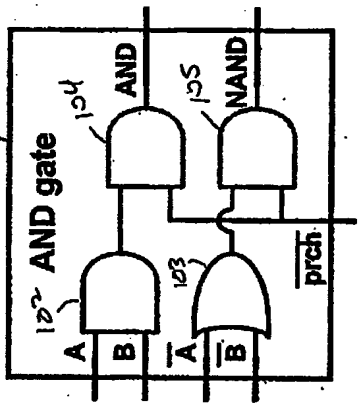


100
101



$(A.B).prch \leftrightarrow (\bar{A} + \bar{B}).prch$

A	B	and	\bar{A}	\bar{B}	nand	prch	AND	NAND
0	0	0	1	1	1	0	0	1
0	1	0	1	0	1	0	0	1
1	0	0	0	1	1	0	0	1
1	1	1	0	0	0	0	1	0
X	X	X	X	X	X	1	0	0

FIGURE 1

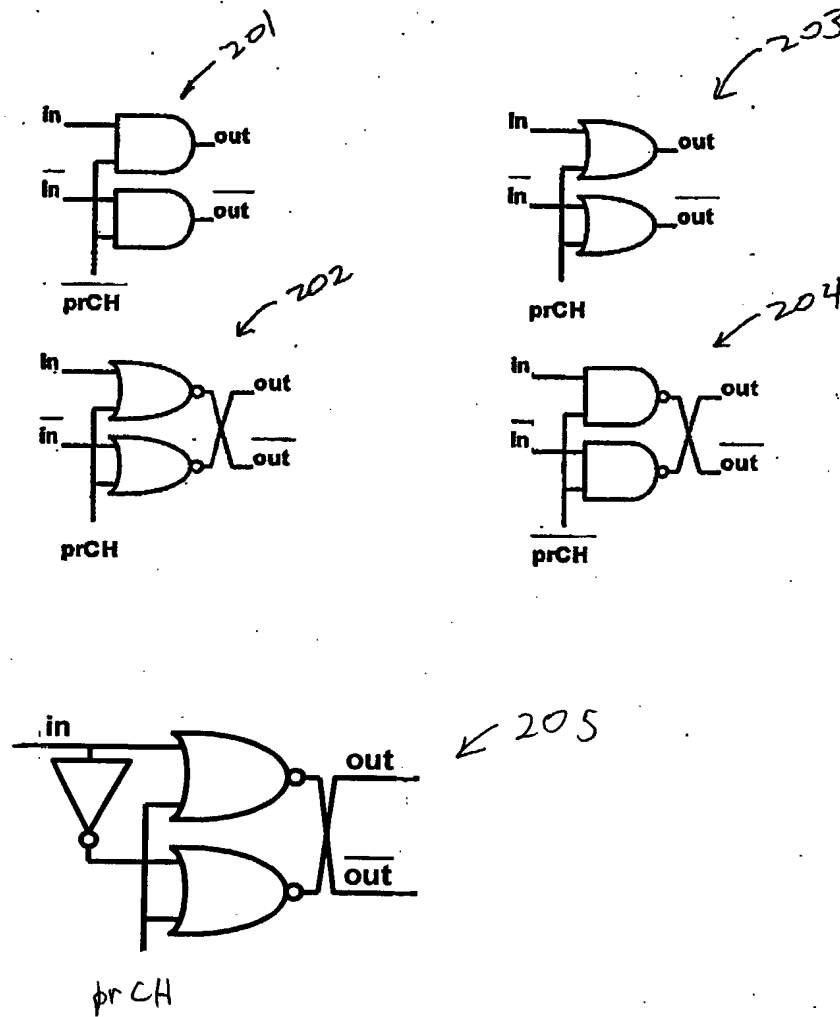


FIGURE 2

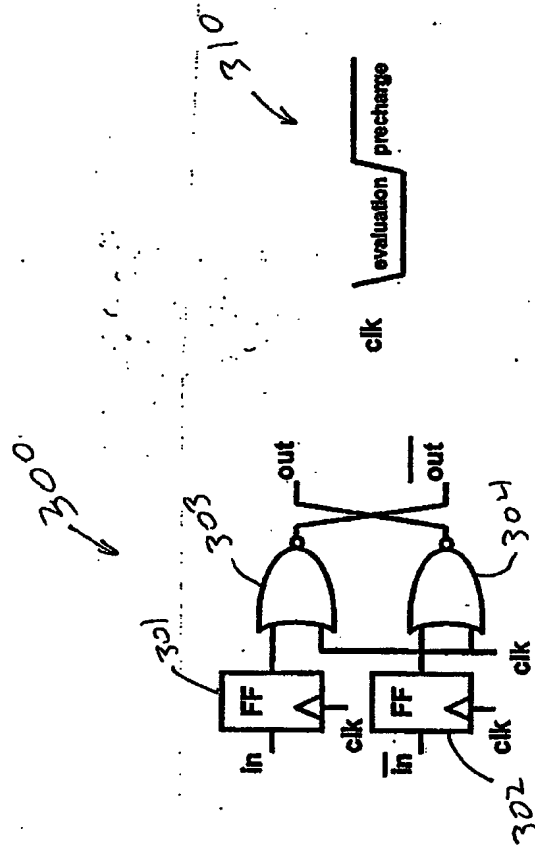


FIGURE 3

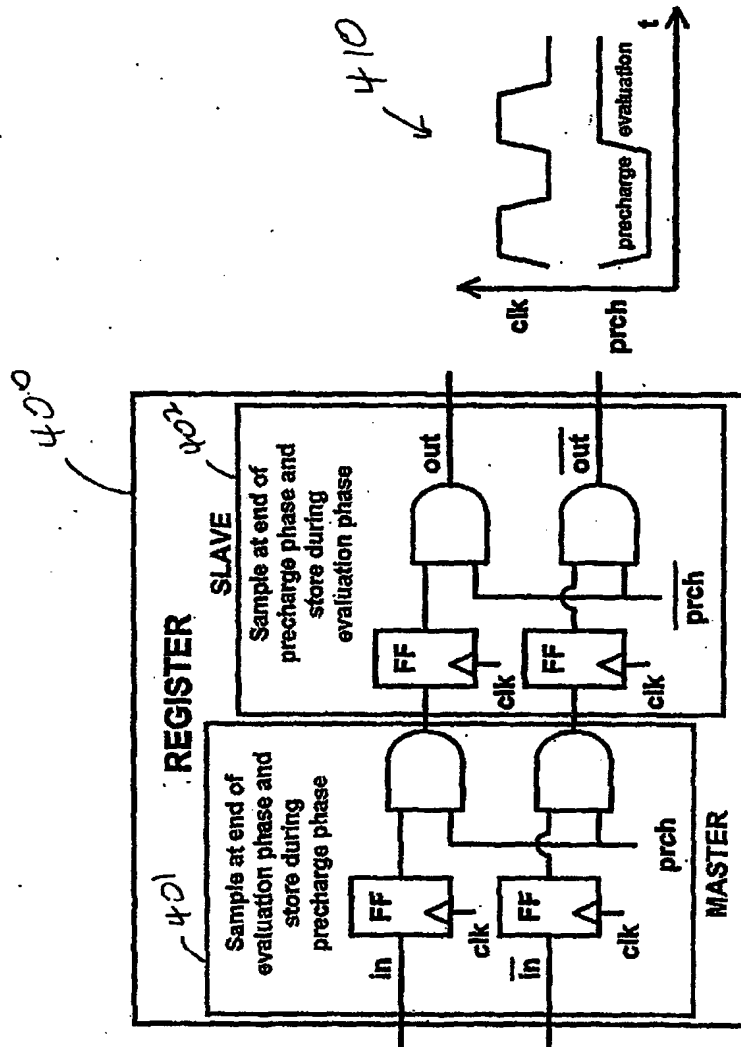


FIGURE 4

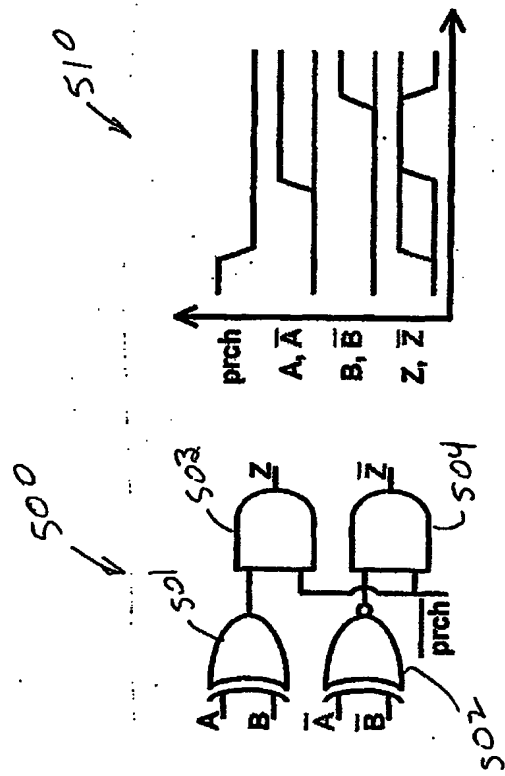


FIGURE 5

610

A	B	and	\bar{A}	\bar{B}	nand	prch	AND	NAND
0	0	0	1	1	1	0	0	1
0	1	0	1	0	1	0	0	1
1	0	0	0	1	1	0	0	1
1	1	1	0	0	0	0	1	0
X	X	X	X	X	X	1	0	0

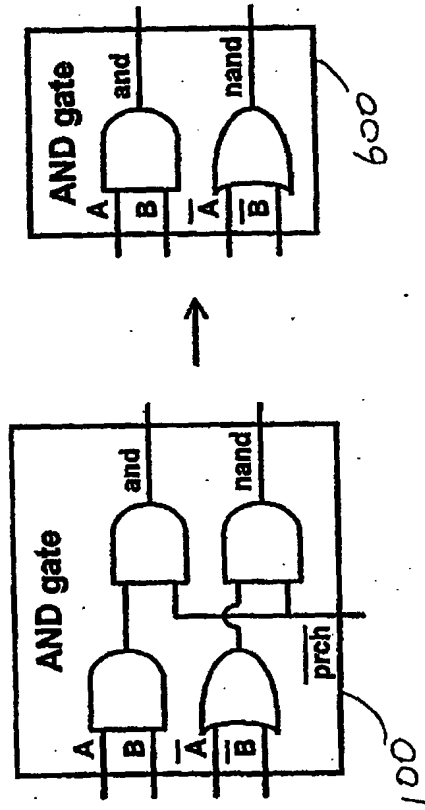


FIGURE 6

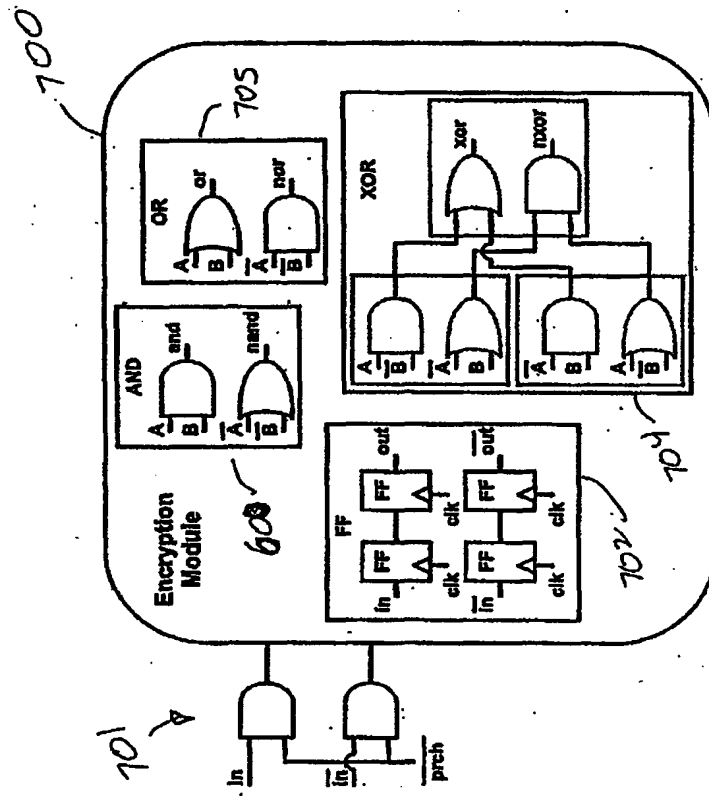


FIGURE 7

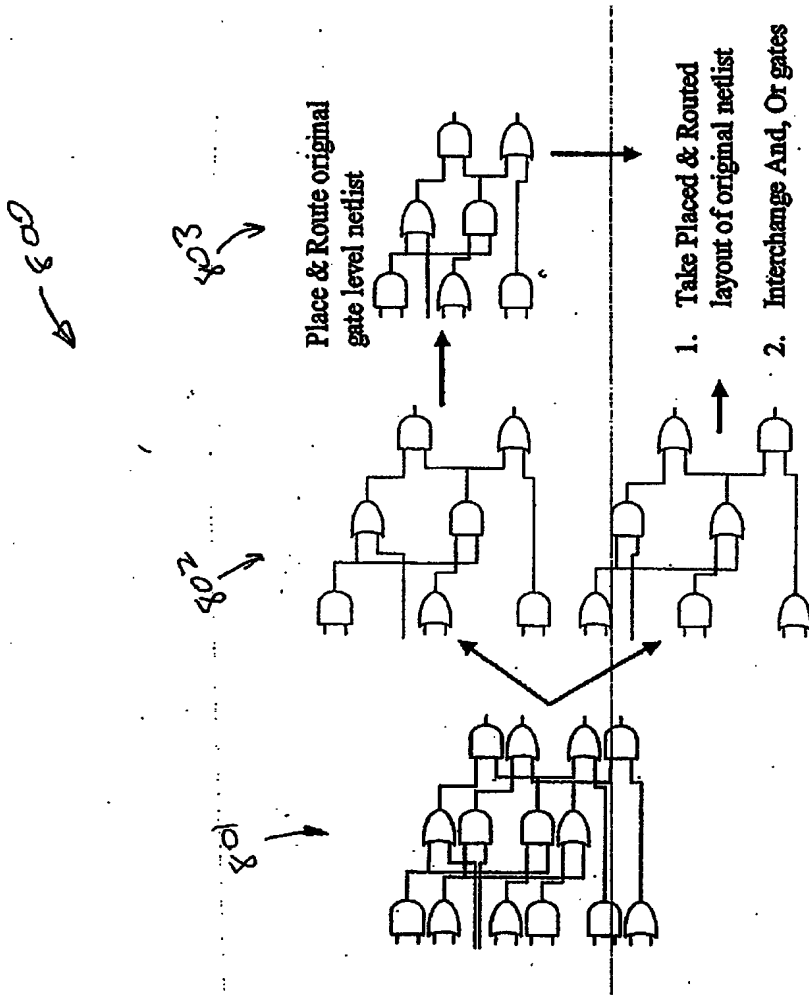


FIGURE 8

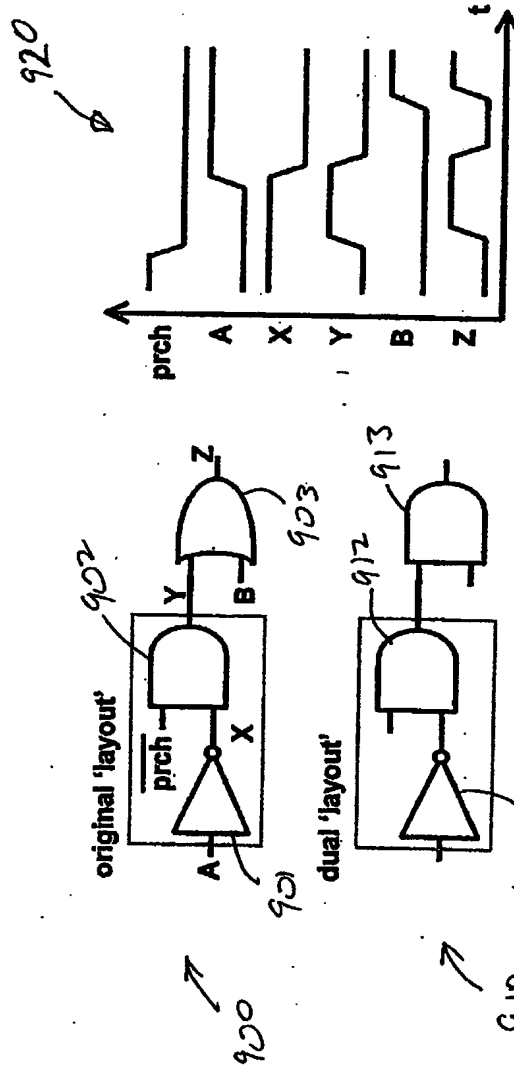


FIGURE 9

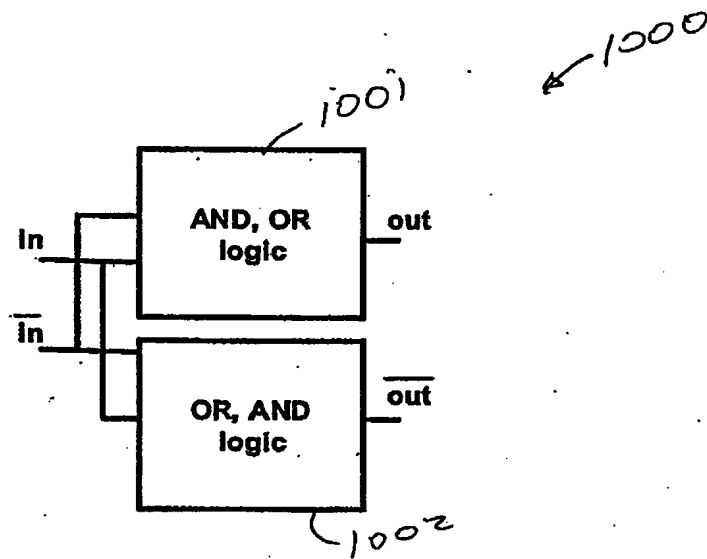


FIGURE 10

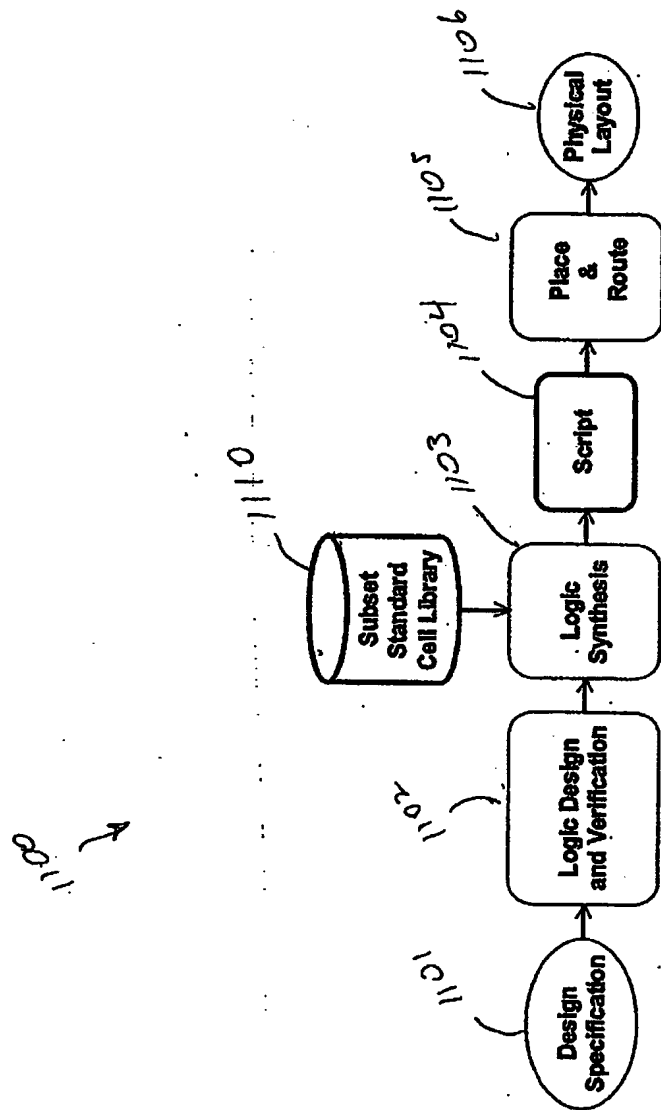


FIGURE 11

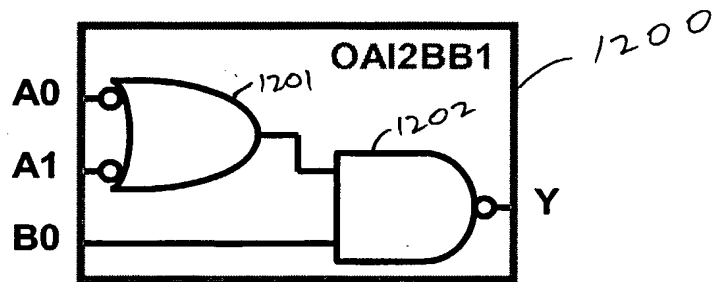


FIG 12A

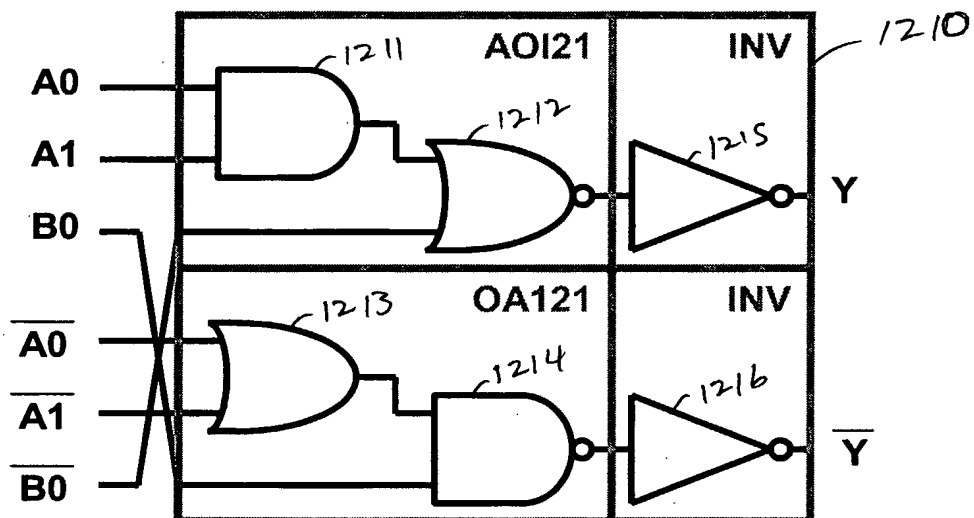


FIG 12B

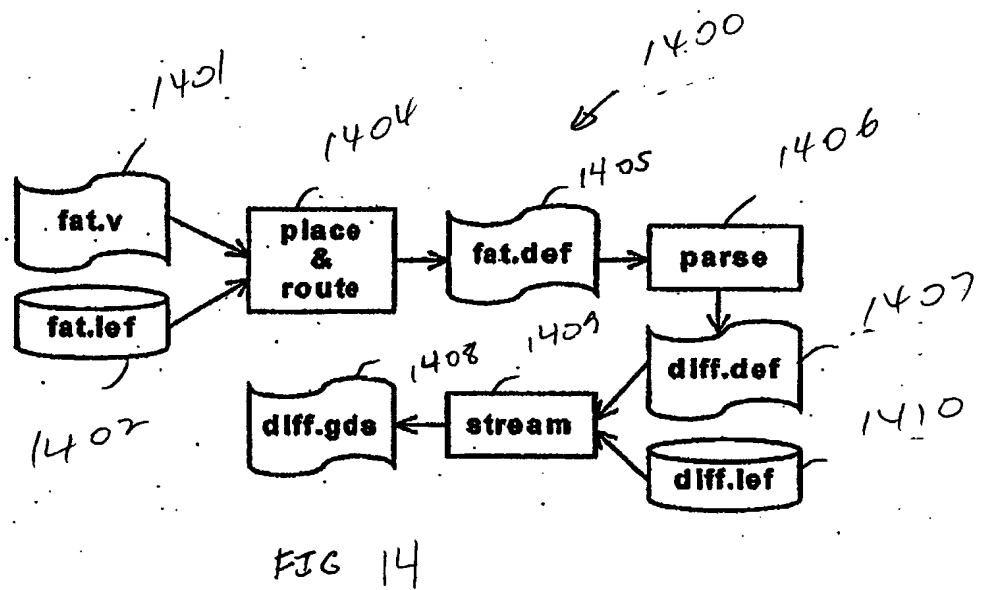
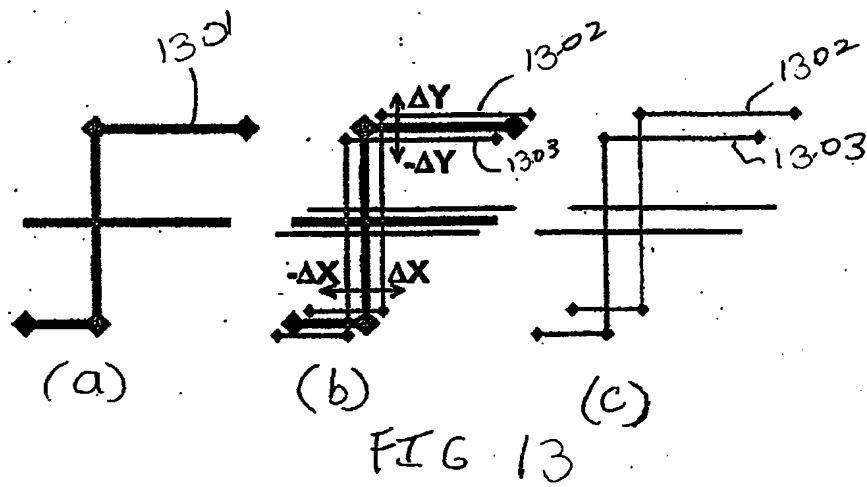


FIGURE 15A

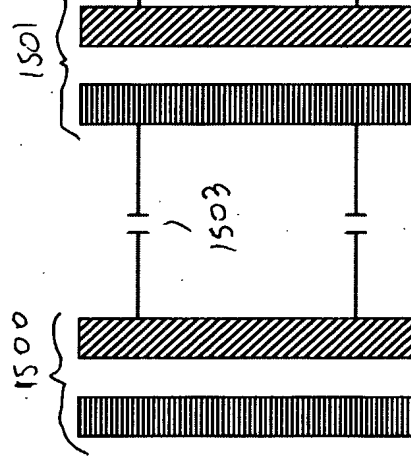
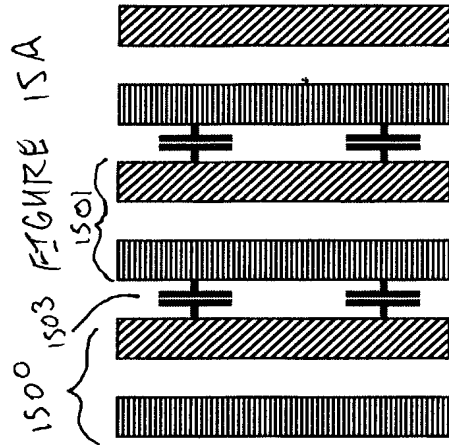


FIGURE 15C

FIGURE 15B

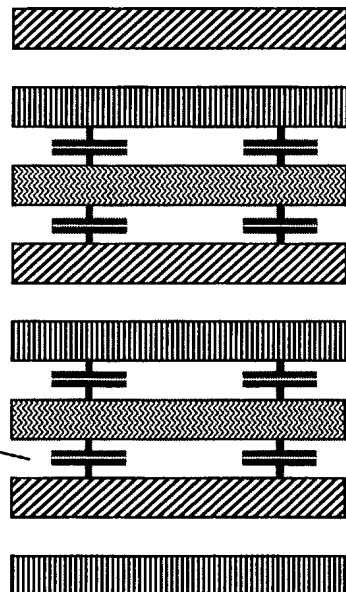


FIGURE 15B